

**IMPLANTABLE MEDICAL DEVICE  
WITH ENHANCED BIOCOMPATIBILITY AND BIOSTABILITY**

**Abstract of the Disclosure**

An implantable medical device comprising a drug-loaded polymer overlaid with a fabric that promotes tissue ingrowth is useful in a wide variety of tissue engineering applications. The invention includes, for example, prosthetic heart valves, annuloplasty rings, and grafts, having enhanced biocompatibility and biostability. Methods of making and using the implantable medical devices of the invention are also included.